



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Friday, May 08, 2015

Issued: 0800 CT

Day 1 Hazards: Moderate risk of severe thunderstorms over South Central OK into western Red River Valley TX. Large hail/damaging winds and tornadoes will be possible.

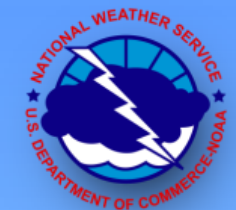
Day 1 Hazards: Slight to enhanced risk of severe thunderstorms across remainder of OK, into north TX into SW TX. Flash flooding threat over much of OK into N TX.

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Marty Mayeaux
817-978-1100 x 147

Key Points



Friday

- **Moderate risk of severe thunderstorms over South Central OK into Western Red River Valley of TX.**
 - Large hail/damaging winds and tornadoes will be possible.
- **Enhanced to Slight risk of severe thunderstorms across remainder of OK, into north TX into SW TX.**
 - Large hail and damaging winds the main threats along with potential for isolated tornadoes
- **Also heavy rain and flash flooding possible across much of OK into north TX**

Saturday-Sunday

- **Saturday:**
 - Moderate risk of severe thunderstorms over central and Western OK.
 - Slight to Enhanced Risk of severe thunderstorms across most of OK into north central Texas extending into SW TX
 - Slight Risk of severe thunderstorms extending into Central and SW Texas
 - Tornadoes, large hail and damaging winds possible.
 - Flash flood threat will continue for southern OK into north TX
- **Sunday**
 - Severe and heavy rain threat slowly pushes eastward into AR, east OK, NE TX and NW LA.

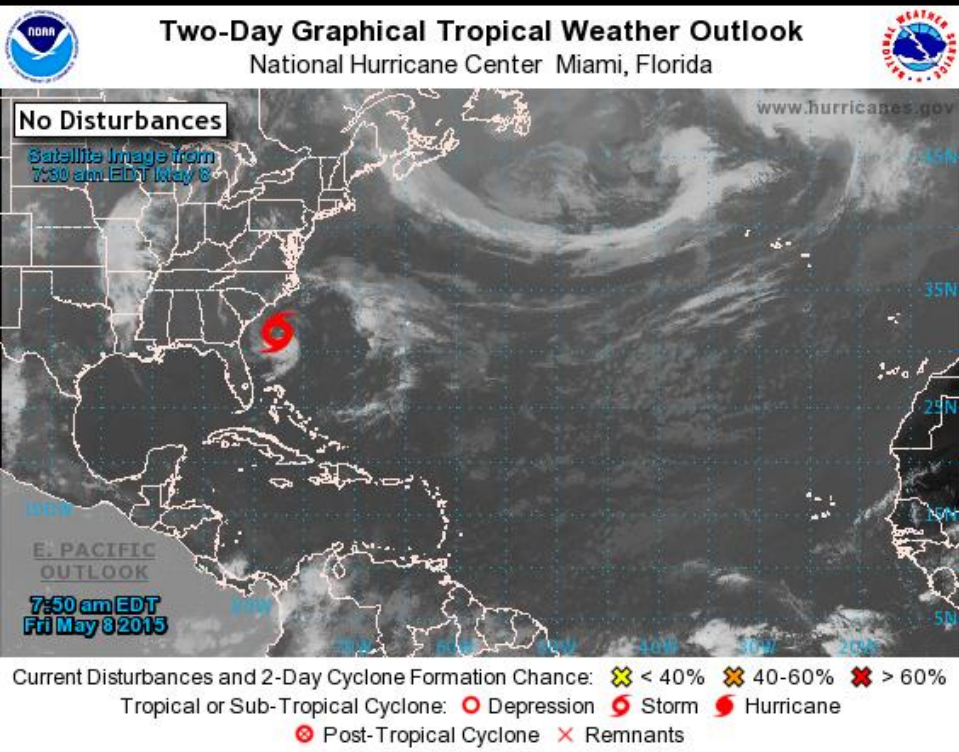
Monday-Tuesday

- Severe and heavy rain threat will cover eastern AR, LA into SE TX on Monday
- Monitoring for possibility of additional heavy rainfall over east TX on Tuesday

Tropical Outlook

- No impacts to FEMA VI

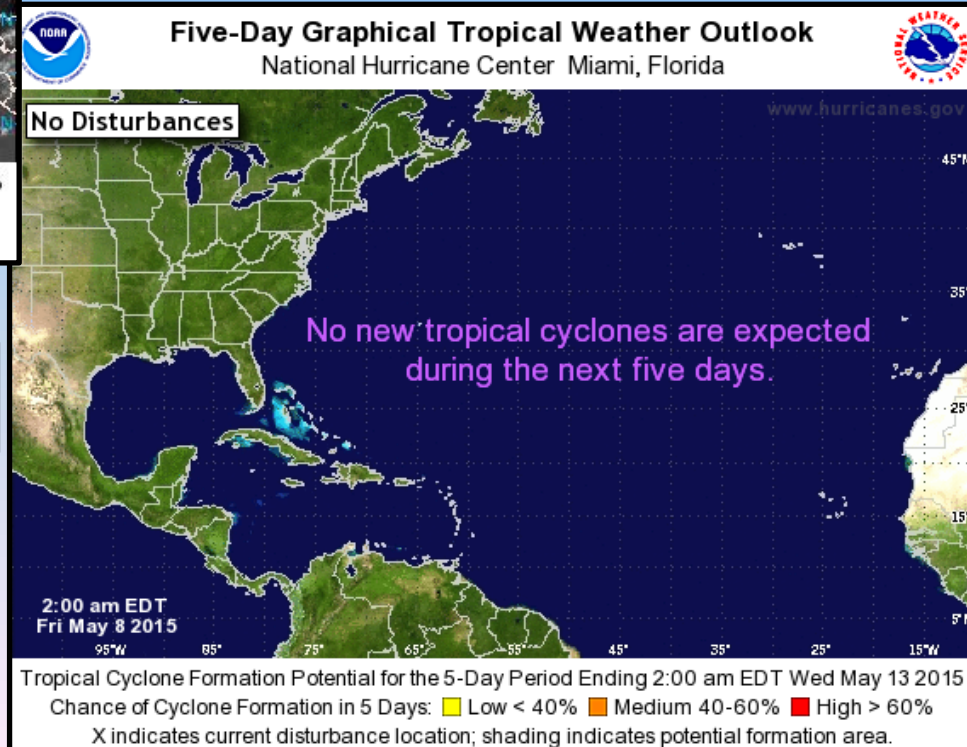
Tropical Weather Outlook



Potential impacts to FEMA Region 6

- None

Subtropical Storm Ana to move generally northward at a slow forward speed over the next several days, providing heavy rain, winds, and rip currents to the coastal Carolinas.



*FEMA Region 6 Threat Matrix

May 8, 2015 - May 12, 2015

DAY/ THREAT	FRI	SAT	SUN	MON	TUE
Severe Storms	South-Central OK, N TX	Cntrl/W OK	AR, E OK, NE TX, NW LA	E AR, LA, SE TX	
	OK, N/Cntrl/SW TX	NW/N/Cntrl/SW TX			
Heavy Rain /Flooding	OK, N TX	South-Central OK, N TX	SE OK , E-Central TX, AR	AR, LA, SE TX	E TX?
			N Central TX/Metroplex		
Fire					
Heat					
Tropical					



Very Common – Happens Often



Common – Happens Frequently



Uncommon – A Few Times a Year



Rare – Once Every 1-5 Years

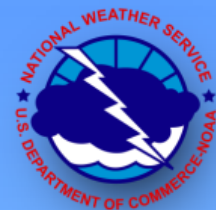


Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



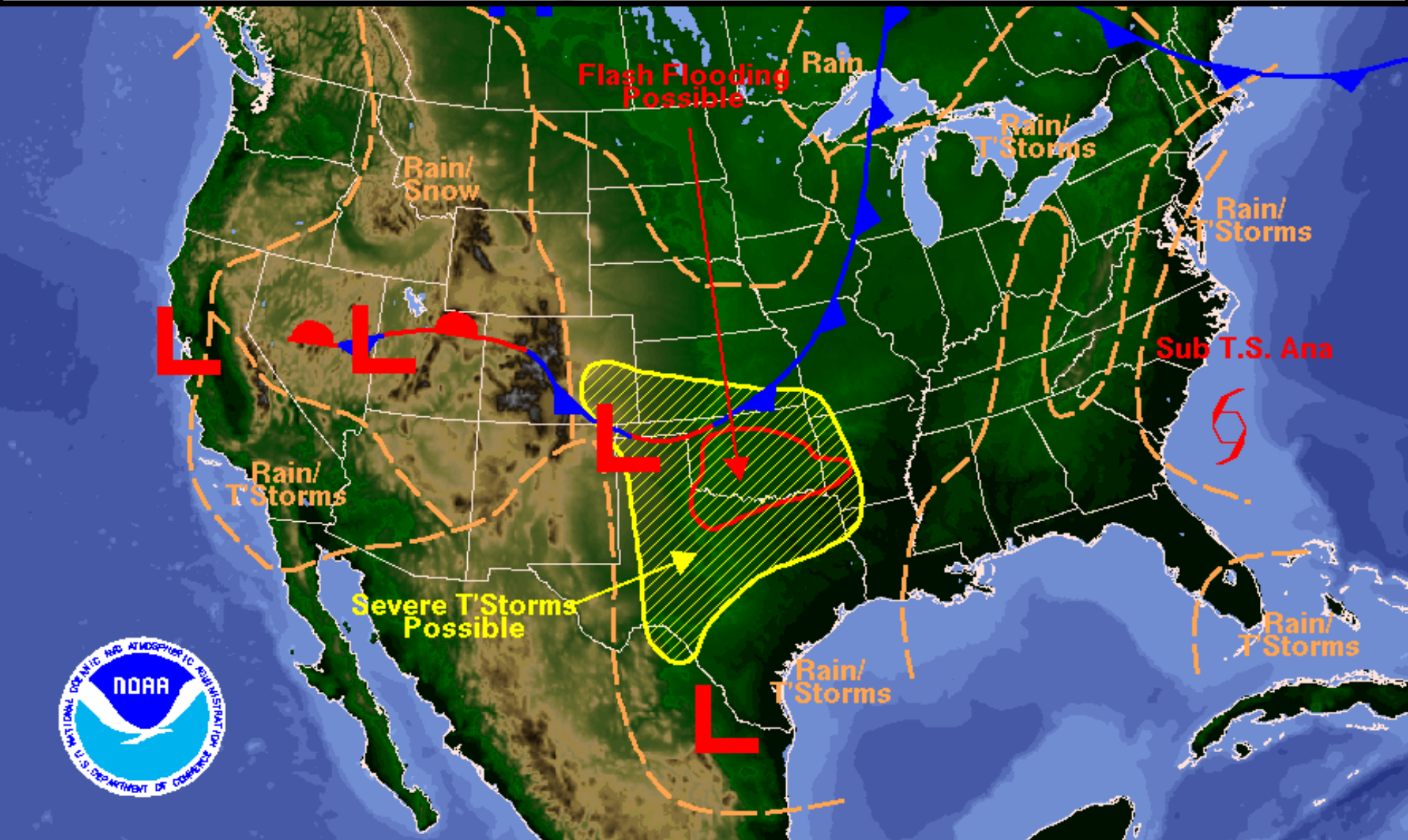
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

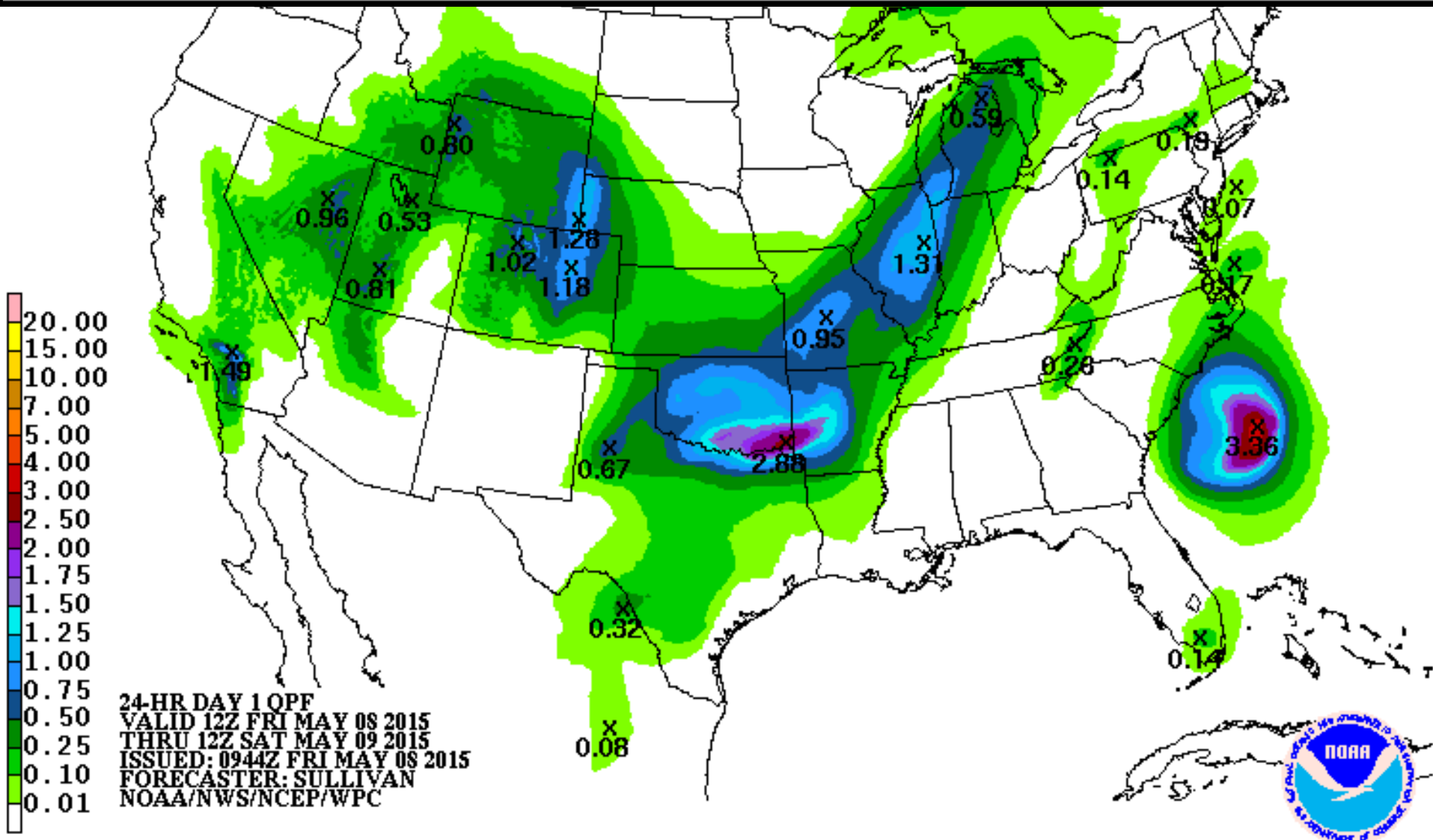
Today's Weather



Weather Forecast for Fri, May 08, 2015, issued 7:23 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Fanning based on WPC, SPC and NHC forecasts

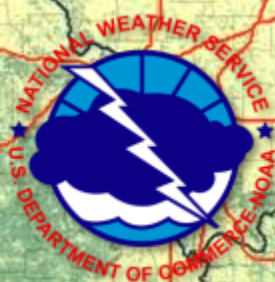
Today's Precipitation

Fri AM - Sat AM



Day 1 Weather Hazards

Valid: 0800 Fri - 0800 Sat








**Risk of flash
flooding over much
of OK and north TX**

**Enhanced
Risk of
Severe
T-storms**

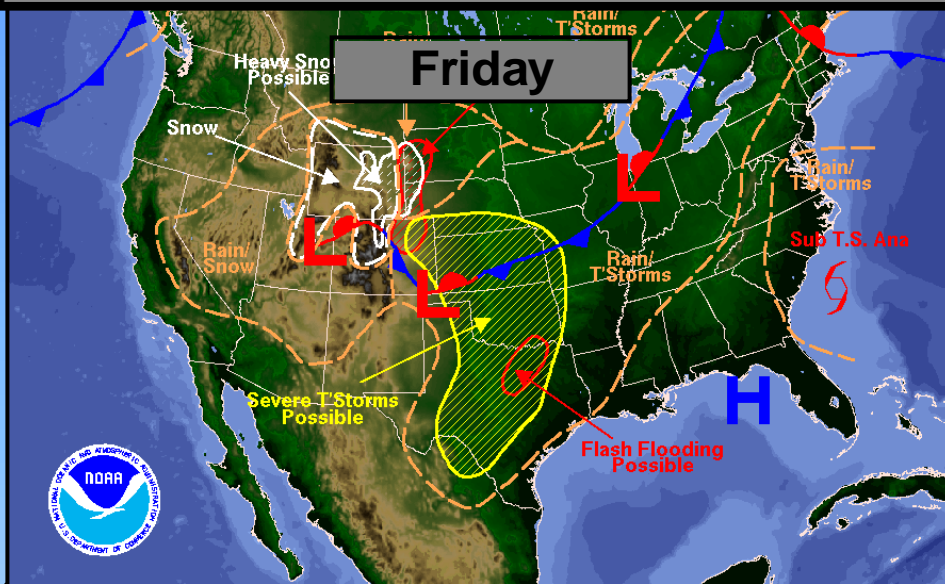
**Moderate
Risk of
Severe
T-storms**

**Slight
Risk of
Severe
T-storms**

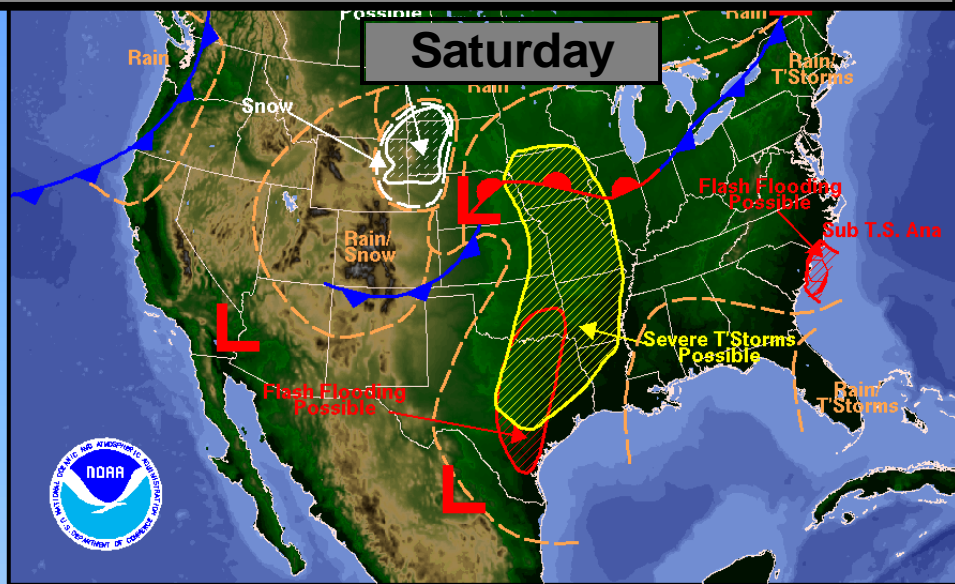
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

***Threat levels are based on FEMA
Region 6 criteria. State or local
threat level criteria may differ.**

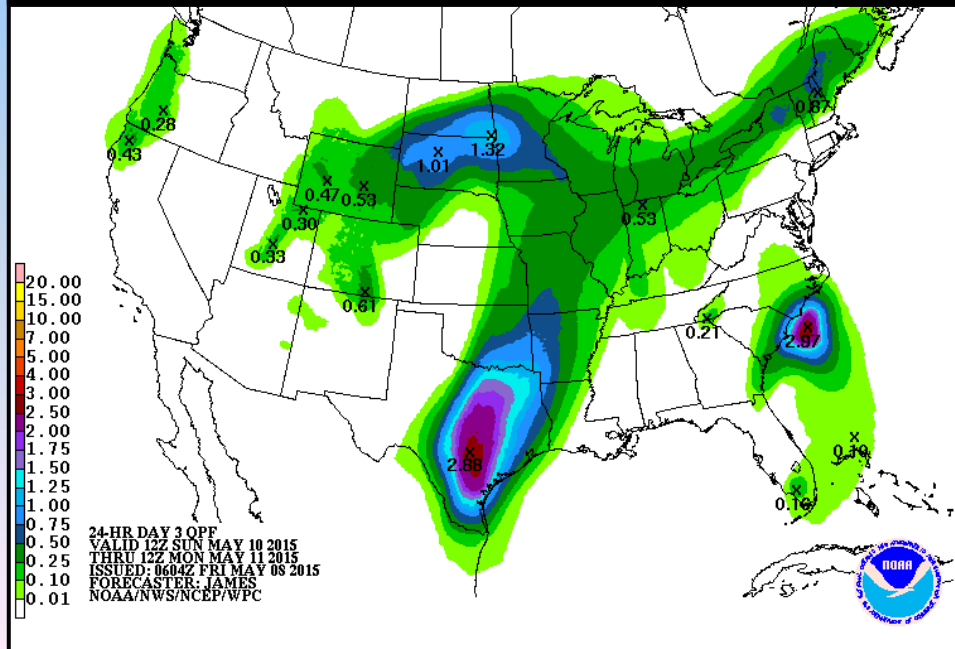
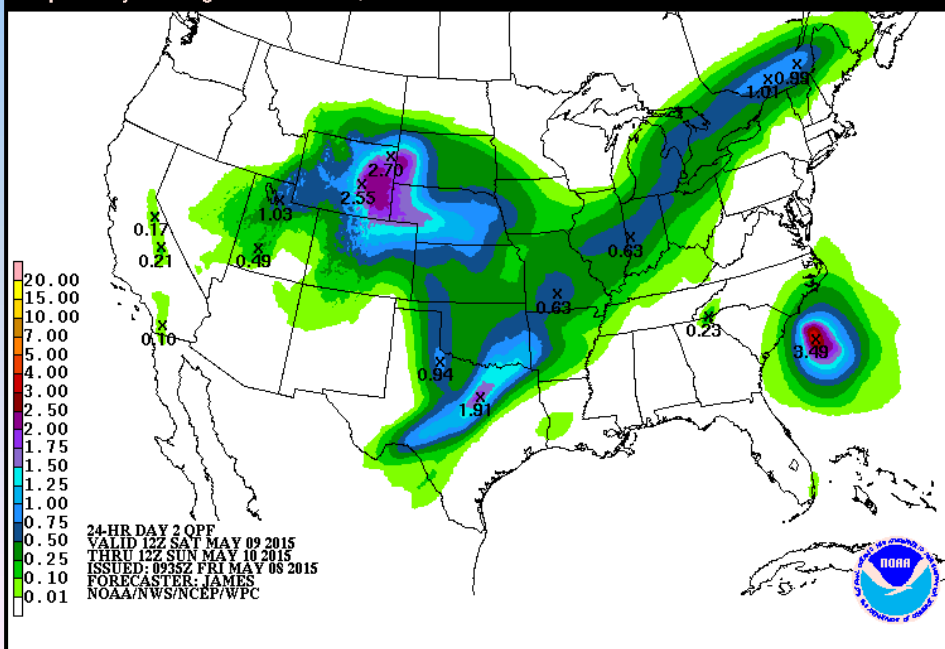
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Sat, May 09, 2015, issued 7:26 AM EDT Fri, May 08, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Fanning based on WPC, SPC and NHC forecasts

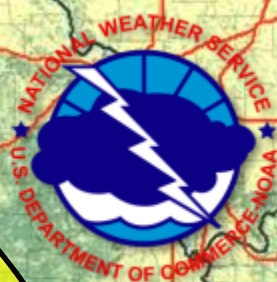


Weather Forecast for Sun, May 10, 2015, issued 7:29 AM EDT Fri, May 08, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Fanning based on WPC, SPC and NHC forecasts



Day 2-3 Weather Hazards

Valid: 0800 Sat - 0800 Mon








**Flooding Threat
Will Continue
over portions of
OK into north
TX on Saturday
and Sunday**

**Moderate
Risk of
Severe
T-storms
Saturday**

**Enhanced
Risk of
Severe
T-storms
Saturday**

**Slight
Risk of
Severe
T-storms
Saturday**

**Slight
Risk of
Severe
T-storms
Sunday**

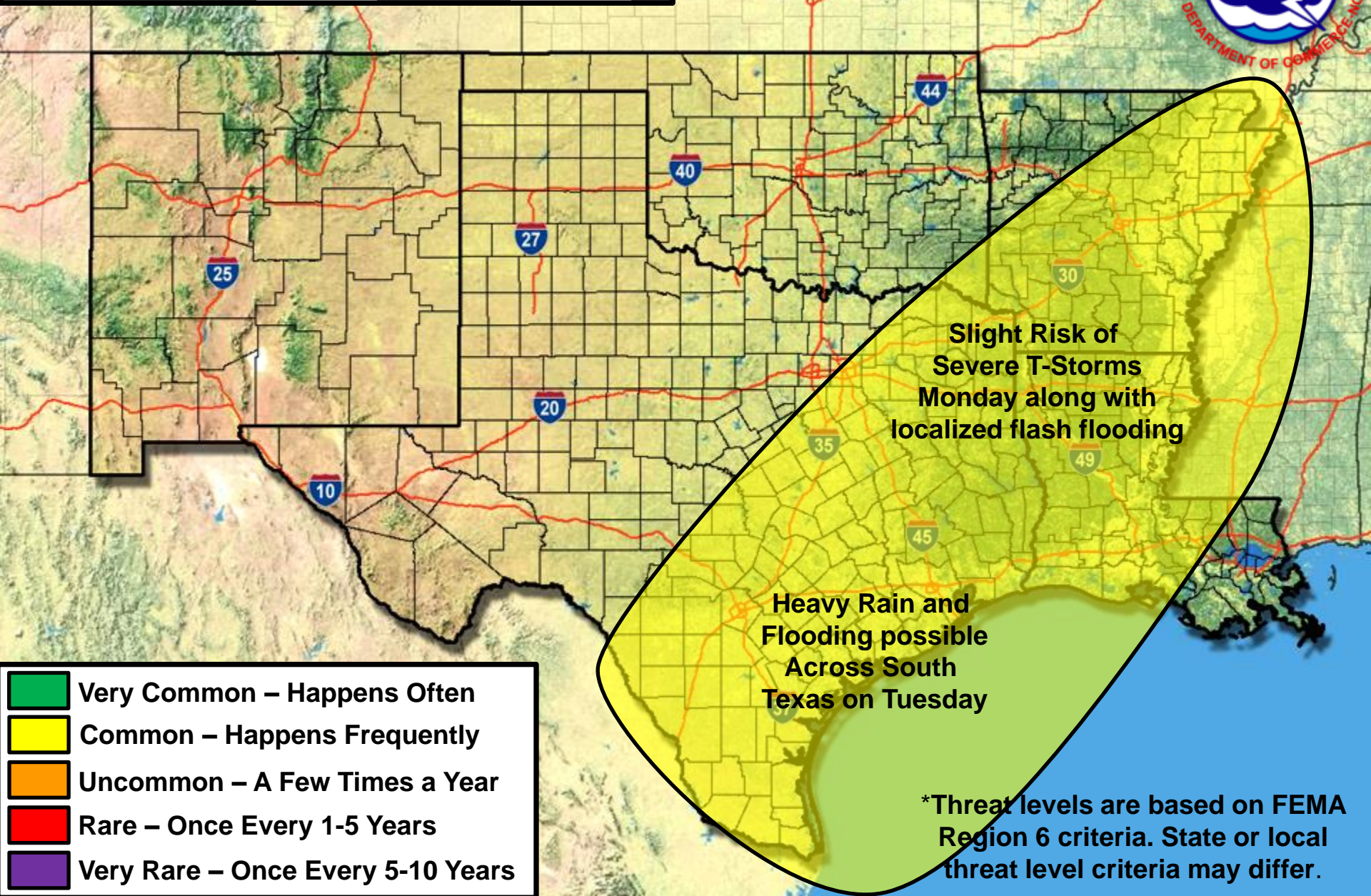
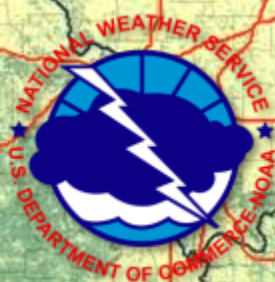
	Very Common – Happens Often
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**Risk areas are approximations
prone to change with later updates.
Interests in affected areas should
continue to monitor for updates.**

***Threat levels are based on FEMA
Region 6 criteria. State or local
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Day 4-5 Weather Hazards

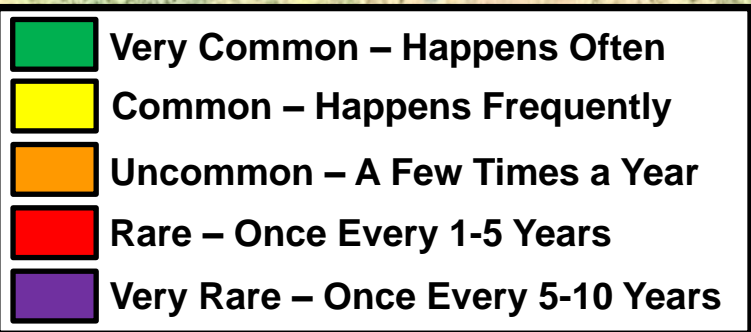
Valid: 0800 Mon - 0800 Wed



**Slight Risk of
Severe T-Storms
Monday along with
localized flash flooding**

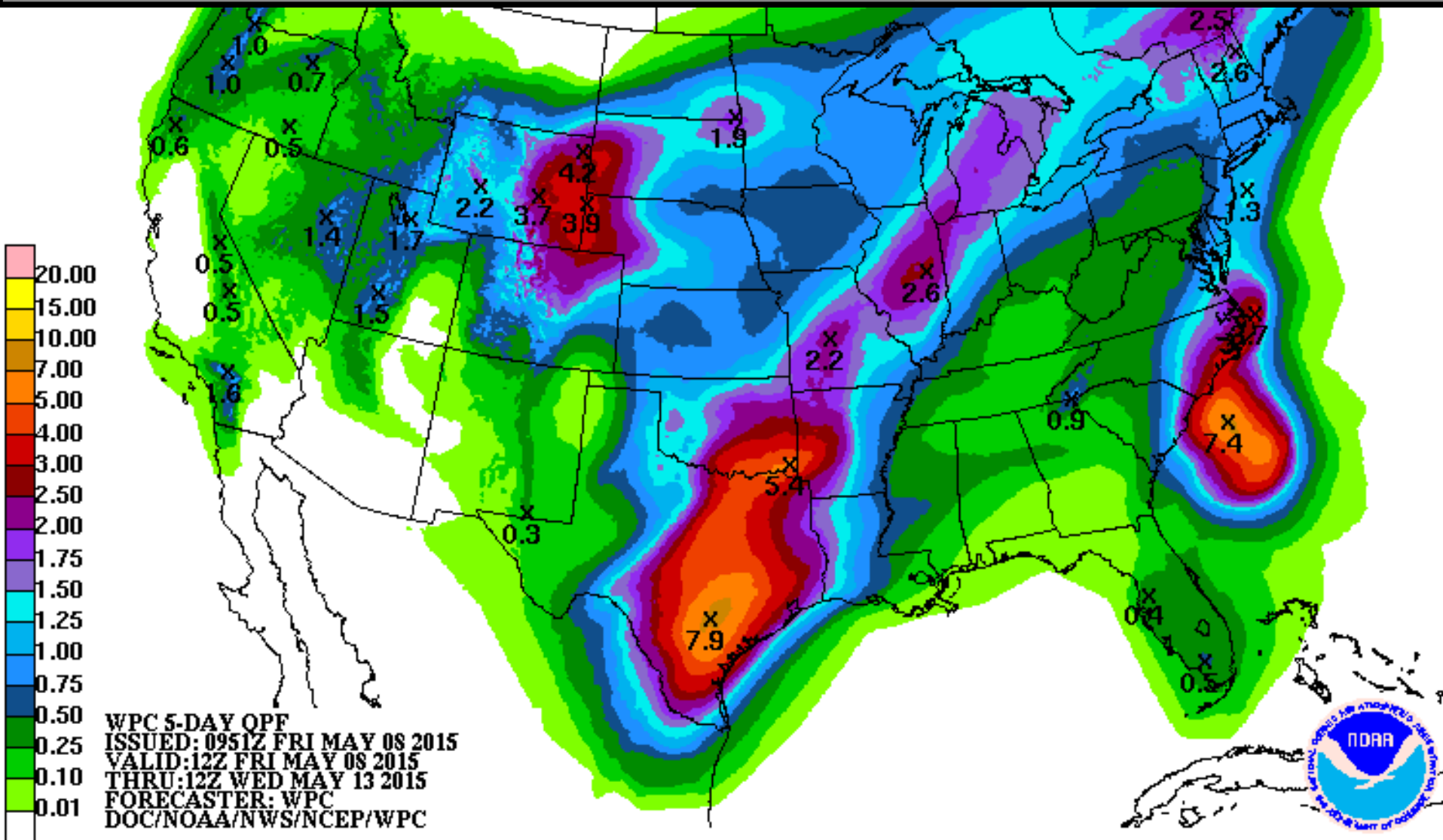
**Heavy Rain and
Flooding possible
Across South
Texas on Tuesday**

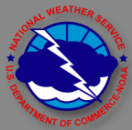
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5-Day Precipitation

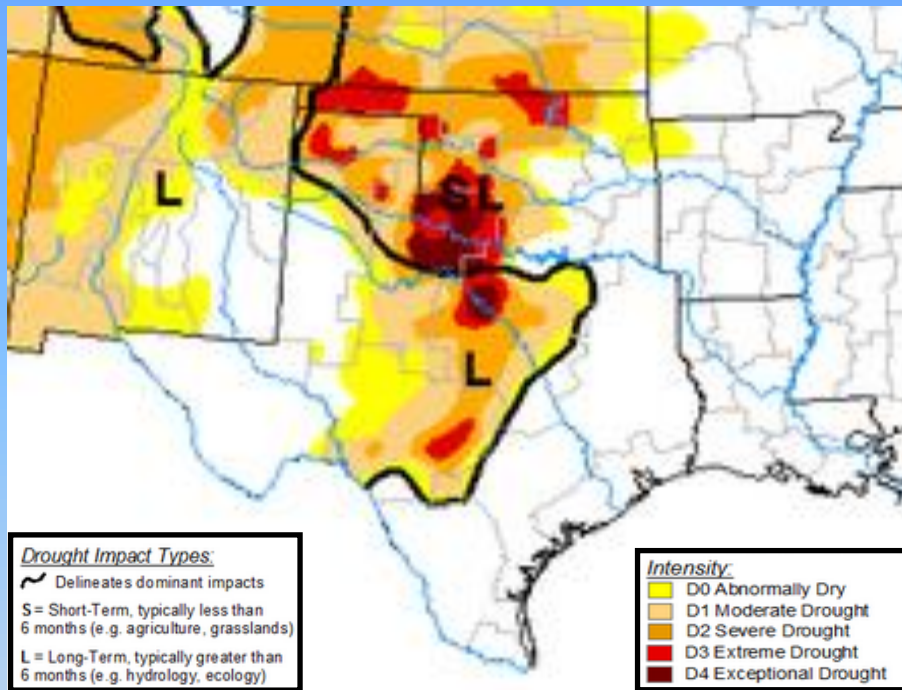
Fri AM - Wed AM





Drought Monitor Released May 5th, 2015

Data valid as of Tuesday, May 3rd, 2015 at 7AM EST

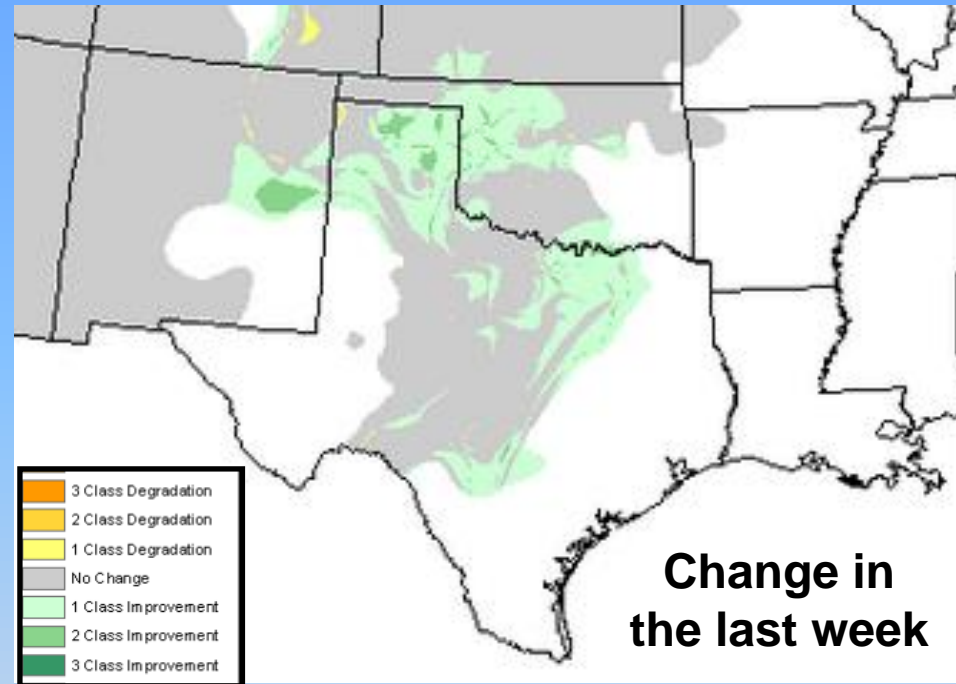


Drought Impact Types:

~ Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

Yellow D0 Abnormally Dry
Orange D1 Moderate Drought
Red D2 Severe Drought
Dark Red D3 Extreme Drought
Dark Red D4 Exceptional Drought



**Change in
the last week**

Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	24.34%	37.13%	22.58%	39.03%
Texas	5.57%	9.35%	11.24%	37.86%
New Mexico	0.00%	0.00%	3.70%	33.28%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

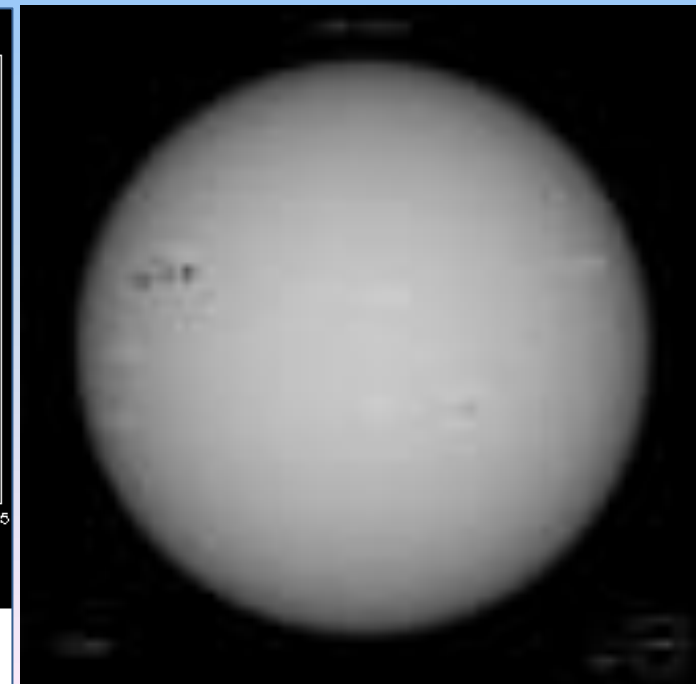
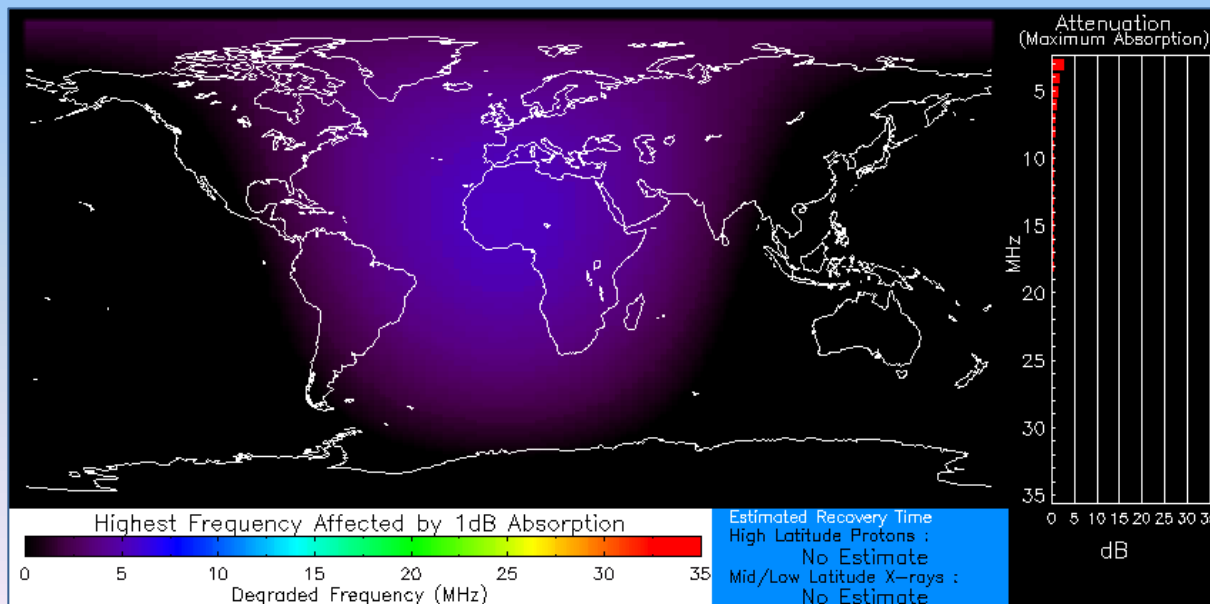
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet (Max Kp = 1)	Quiet (Max Kp = 1)	Quiet (Max Kp = 1)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	55%	55%	55%
Radio Blackout (R3-R5)	10%	10%	10%



Normal X-ray Background
Product Valid At : 2015-05-08 12:09 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.srh.noaa.gov>

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<https://www.facebook.com/NWSSouthern> (**NEW link!!**)

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